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Introduction

BLS uses Beyond ATC logs to keep a record of all interactions between you and the tower and all frequencies used.

It might entourage beginners to try out phraseology used by the automatic copilot.

It aims to help anyone interested in analysing a flight, particularly when there is an issue you may want to report,ie

vectoring or a choice of runway.

It also hopes to address some of the questions raised in the forum:

How can I check the metar changes throughout the flight?

How can I track the vectoring logic?

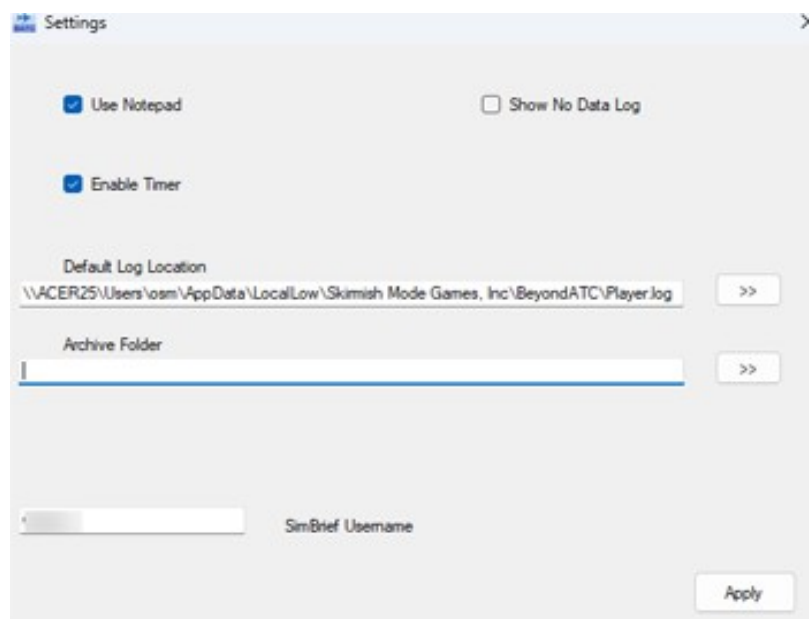
How can I highlight any speech which ATC failed to understand?

Where are BATC logs ?

BLS automatically locates the logs for you; they are always kept in:

:\\users\\AppData\\LocalLow\\Skirmish Mode Games, Inc\\BeyondATC\\player.log

From the main menu , select Tools



Note:

some log files contain no interaction between pilot and ATC; this happens when an error in BATC has occurred.

Player.log is contains information about your last flight . When you start BATC this file gets wiped and replaced

Player-prev.log covers the previous flight. BATC always overwrites logs unlike FSLTL.










BLS gives you the option to copy and rename your logs so they don't get overwritten by BATC.

BATC tab

The BATC tab attempts to provide a look,similar to Beyond ATC. However, it includes new icons representing a change of frequency or metar data.

Metar data shows the reason why a certain runway has been selected - often ignoring local knowledge.

In addition, a new icon has been used when you as a pilot take over from the copilot.

	16:19	Silver Wings 26, Heathrow Ground, pushback approved. Face south.
	16:20	Pushback and engine start approved, Face south, Silver Wings 26.
	16:20	Silver Wings 26, request taxi...
	16:21	Silver Wings 26, runway 27L taxi via D, B, L28, N1, N1B.
	16:21	Runway 27L taxi via D, B, L28, N1, N1B, Silver Wings 26.
	16:21	So it remains 26 could you tell me who is behind me.
	16:28	Silver Wings 26, behind you is Speedbird 135 Heavy, a Boeing 777, taxiing out, di
		-----118.705. ATC-----
	16:30	Contact tower 118.705, Silver Wings 26, have a good afternoon.

Analysis tab

It analyses pilot's communications logged by BATC using various colours - this option can be disabled.

Frequency	Voice	FL	Instruction
121955	Me		Roger that, Silver Wings 26.
	Me		Silverwings to six request push and start.
	UK_11, Sn...		Silver Wings 26, Newquay Ground, pushback and engine start approved. Face southeast.
	Me		Pushback and engine start approved, Face southeast, Silver Wings 26.
	Me		Silverwings 26 Good afternoon request Taxi to runway.
	UK_11, Sn...		Silver Wings 26, runway 30 taxi via A.
	Me		Silverwings 26, Runway 30, Taxi via Alpha.
	UK_11, Sn...		Silver Wings 26, contact Newquay Tower 134.38.
	Me		Silverwings 26 contacting Newquay Tower on 134 Decimal 3/8.
134.38.	Newquay To...		
	Me		Silver Wings 26 contacting Newquay Tower.
	UK_17, Sn...		Silver Wings 26, did not copy.
	Me		Silverwings 26 at near runway 030. Request departure.
	UK_17, Sn...		Silver Wings 26, backtrack runway 30. Call when ready for departure.
	UK_17, Sn...		Silver Wings 26, backtrack runway 30. Call when ready for departure.
	Me		Silver wings with six back rock runway.
	UK_17, Sn...		Silver Wings 26, negative, backtrack runway 30.
	Me		Silverwings 26, Back Rack Backtrack, Runway 30.
	Me		Civil Wings 26 request departure.
	UK_17, Sn...		Silver Wings 26, Newquay Tower, wind 000 at 12, fly runway heading, runway 30, cleared for takeoff.
	Me		Silverwings 26. Clear for takeoff. Goodbye.
	UK_17, Sn...		NOI Silver Wings 26 cleared for takeoff runway 30!
	Me		Fly runway heading, runway 30, cleared for takeoff, Silver Wings 26.
	UK_17, Sn...		Silver Wings 26, contact Newquay departure 133.405.
	Me		Contact Newquay departure 133.405, Silver Wings 26.

Dep: EGHQ-Silver Wings 26, runway 30 taxi via A.
Dest: EGAA-Silver Wings 26, Gate 22 taxi via L.

ATC : YELLOW

ATC not understanding response : ORANGE

ATC Warning : RED

Pilot's response: PURPLE

Automatic Pilot's response : CYAN

The more confident you are communicating with ATC , the more purple you will see.

When Speech recognition fails

The Issues tab shows where speech recognition fails and helps you diagnose why ATC failed to understand what you said.

For example , cases where 'nine' and/or 'niner' are not understood in frequencies or callsigns.

cases where '2' is transcribed as 'to' again when repeating frequencies and or callsigns.

when a pilot's phrase has not been added to ATC's idiom.

When the text is in CYAN, the issue is a bug worth submitting to BATC.

Copy selected entries

Use CTRL or SHIFT Click to select

Right click and click Copy.

Me		17:11	33022	272	Cologne Born, landing runway 24, Silver Wings 26.
Me		17:11	33022	272	Silver Wings 26 request descent.
ATC	FL260	17:13	33008	272	Silver Wings 26, descend to FL260.
Me		17:13	33008	272	Descend to FL260, Silver Wings 26.
ATC		17:14	31309	278	Aircraft calling for new altitude, say callsign.
Me		17:14	31138	278	Silver Wings 26.
ATC		17:14	31002	278	Silver Wings 26, I didn't get that. Say again altitude.
Me		17:14	30802	278	Request FL190, Silver Wings 26.
ATC		17:14	30392	278	Silver Wings 26, unable FL190 at this time.
ATC	FL240	17:16	25979	268	Silver Wings 26, descend to FL240.
Me		17:16	25995	261	Descend to FL240, Silver Wings 26.
ATC		17:17	26001	256	Silver Wings 26, contact Langen Radar 118.75, bye bye.
Me		17:17	25770	256	Center on 118.75, Silver Wings 26.

ATC tab

Here all ATC conversations are listed and colour coded according to the various stages of a flight ie departure, cruise, descent, arrival and landing.

There are still cases when ATC unexpectedly speaks with a non regional accent; ie Dutch for Manchester Radar .

My Log	Callsign: SIL26	Dep: EGJ	Dest: LFPO	desc	Search	Found: 3
Transcript	ATC	SimBrief	Metar	Route: DCT PERCH DCT BEVAV DCT GILRA R491 LGL A34 BOBSA BOBS9W		
Frequency	Contact	Voice	Snapshot	Instruction		
UK_8, Snapshot: 4		UK_8	4	Silver Wings 26, runway 26 taxi via A.		
UK_16, Snapshot: 4		UK_16	4	Aircraft calling, did not copy.		
France_5, Snapshot: 0		UK_16	4	Silver Wings 26, Jersey Tower, wind 290 at 12, fly runway heading, runway 26.		
Greek_3, Snapshot: 2		France_5	0	Silver Wings 26, Brest Radar, good day, identified, climb to FL250.		
France_9, Snapshot: 4		France_5	0	Silver Wings 26, turn left, heading 190.		
France_8, Snapshot: 0		France_5	0	Silver Wings 26, turn left, heading 145.		
France_3, Snapshot: 1		France_5	0	Silver Wings 26, cleared direct PERCH. Resume own navigation.		
France_1, Snapshot: 3		France_5	0	Silver Wings 26, contact Brest Radar 124.8, bye bye.		
France_7, Snapshot: 4		France_5	0	Silver Wings 26, contact Brest Radar 124.8, bye bye.		
124.8	Brest Radar	Greek_3	2	Silver Wings 26, Brest Radar, radar contact.		
		Greek_3	2	Silver Wings 26, BOBS 9W, runway 25. Report ready for descent.		
		Greek_3	2	Silver Wings 26, contact Paris Radar 119.825, bye bye.		
119.825	Paris Radar	France_9	4	Silver Wings 26, Paris Radar, identified.		
119.825		France_9	4	Silver Wings 26, descend to FL130.		
119.825		France_9	4	Silver Wings 26, descend to FL110.		
119.825		France_9	4	Silver Wings 26, contact Paris Radar 125.7.		
125.7	Paris Radar	France_8	0	Silver Wings 26, Paris Radar, radar contact.		
		France_8	0	Silver Wings 26, contact Orly approach 127.75.		
127.75	Orly Approach	France_3	1	Silver Wings 26 Orly Approach, QNH 1016 expect the ILS 25 with the ODILO.		
127.75		France_3	1	Silver Wings 26, direct SOTIP, turn left, heading 040, climb to FL110.		
127.75		France_3	1	Silver Wings 26, cleared direct ODILO, cross ODILO at or above FL110.		
127.75		France_3	1	Silver Wings 26, roger, say new altitude.		
127.75		France_3	1	Silver Wings 26, unable. Your flight is to the east and FL080 is an even number.		
127.75		France_3	1	Silver Wings 26, unable FL090 at this time.		
127.75		France_3	1	Silver Wings 26, unable FL090 at this time.		
127.75		France_3	1	Silver Wings 26, turn right, heading 065, descend to 3,000, QNH 1016.		
127.75		France_3	1	Silver Wings 26, turn left, heading 325, descend to 3,000.		
127.75		France_3	1	Silver Wings 26, affirmative.		
127.75		France_3	1	Silver Wings 26, contact Orly Tower 118.7, have a good day.		
118.7	Orly Tower	France_1	3	Silver Wings 26, Orly Tower, wind 170 at 10, runway 25 cleared to land.		

Click this tab to check out languages

Traffic Livery

This Tab show any **missing liveries** encountered during the flight.

It lists available liveries from FSLTL, AIG and F S Traffic:

Traffic density: Parked-5 Departure-5 Arrival-5 Enroute-5			
Available liveries 2209 FSLTL, 0 AIG and 0 FS Traffic			
No Livery	Type	Mode	Route
AUR202	D228	Enroute	EGJB to EGJA
BNI5U	C525	Enroute	EGNM to LFPB
CLF518	E550	Enroute	EGGD to EIDW
FRA94	FA20	Enroute	EGNV to EGHH
GOBZR	BREZ	Enroute	EGLK to EGKB
HGO880P	B744	Enroute	EGLL to EGFF
KRF20	F900	Enroute	EGWU to EGOV
LOG52L	E145	Enroute	EGLL to EGAE
LRQ097G	CL60	Enroute	EGKB to ELLX
LXG74M	C25A	Enroute	EGFF to EIDW

Most frequently , the list contains small prop or jet planes, for which there is no livery.

Map tab

This shows your route and reporting points (magenta)

Click on magenta point to match communication based on time, altitude and speed.

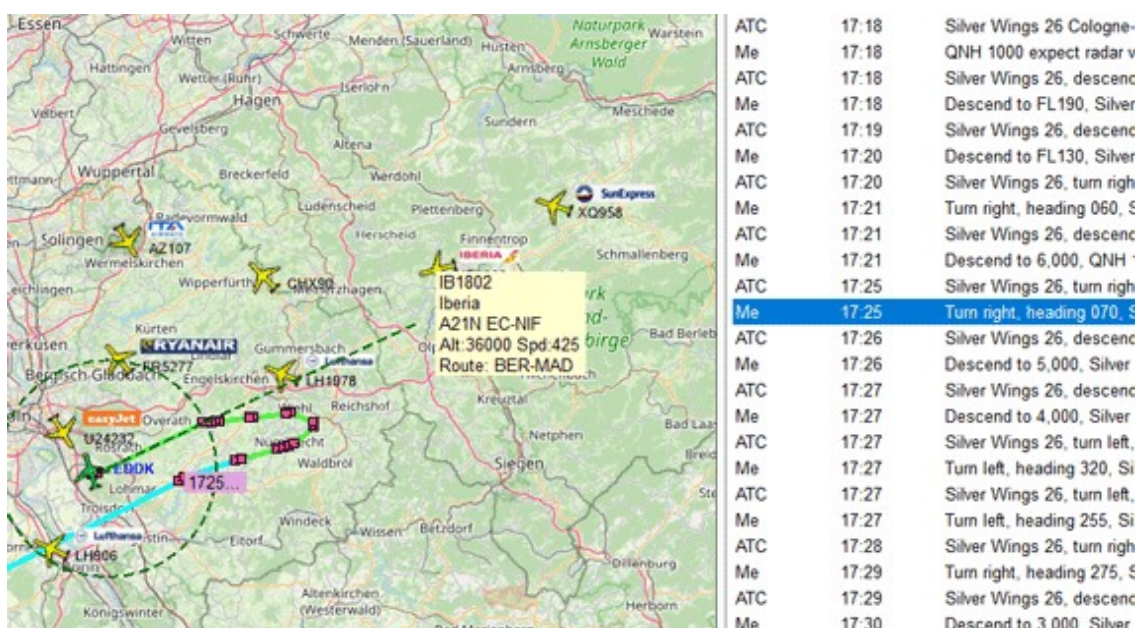
A purplish label appears showing time of communication – relevant entry has been highlighted.

Live Traffic

Click on Live traffic to displays flight number, altitude, speed, and other details.

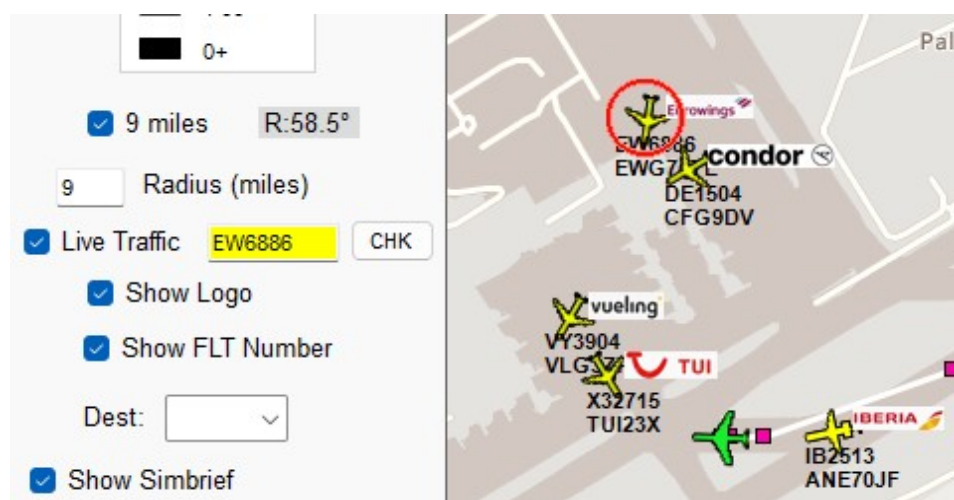
Live traffic is now available using BATC experimental version.

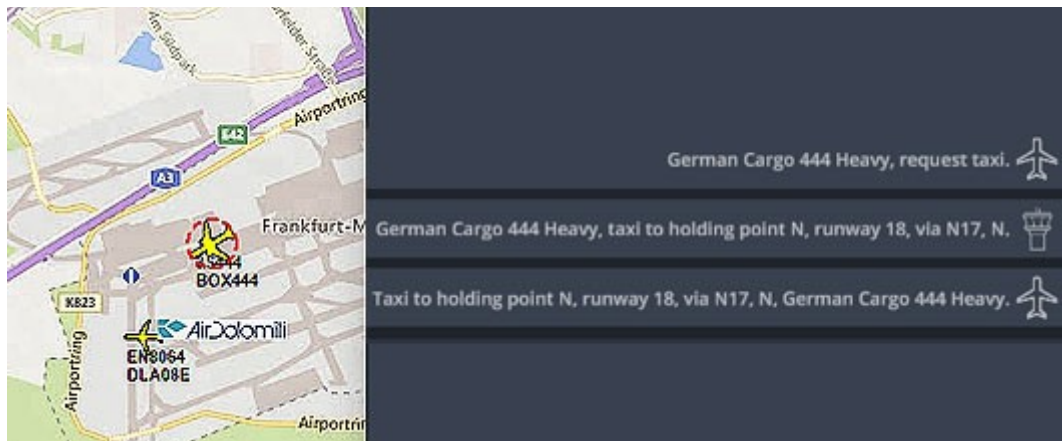
Both the **call sign** and **flight number** are now added to each aircraft, making it much easier to compare BATC's injected traffic with the real-world data. In the latest version, there are occasions where BATC injects an aircraft that does not appear in the actual data.



There is an option to show a 10 mile radial marking for the approach line.

This can be used to check out BATC vectoring against altitude and speed of your own plane.

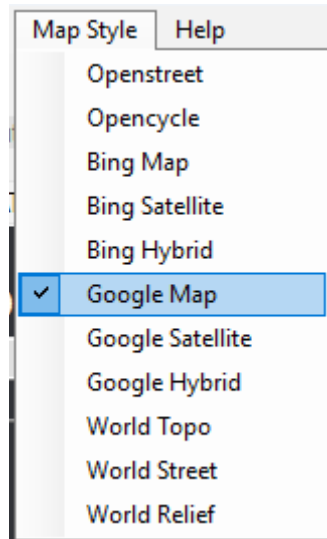




When you enter a call sign in the textbox next to *Live Traffic*, the field turns **yellow** whenever a matching aircraft is detected.

For best results, use this feature while positioned at an airport, where live-traffic matching is most reliable.

Available Maps



Various options apply:

- Show Simbrief

Waypoints and Altitudes are displayed

- Hide Alternates

Alternate Waypoints are toggled

- Live Traffic (not BATC)

Toggle live commercial planes

- 9 miles

Draw a radius of 9 miles from Arrival Runway and extended runway line.

This can be useful to highlight vector issues. Range can be altered in settings.

Click on plane to see picture of aircraft with given registration.

Show SimBrief flightplan

Enter your simbrief nusername in Tools,Options

More Info

<https://www.pinns.co.uk/osm/batc.html>